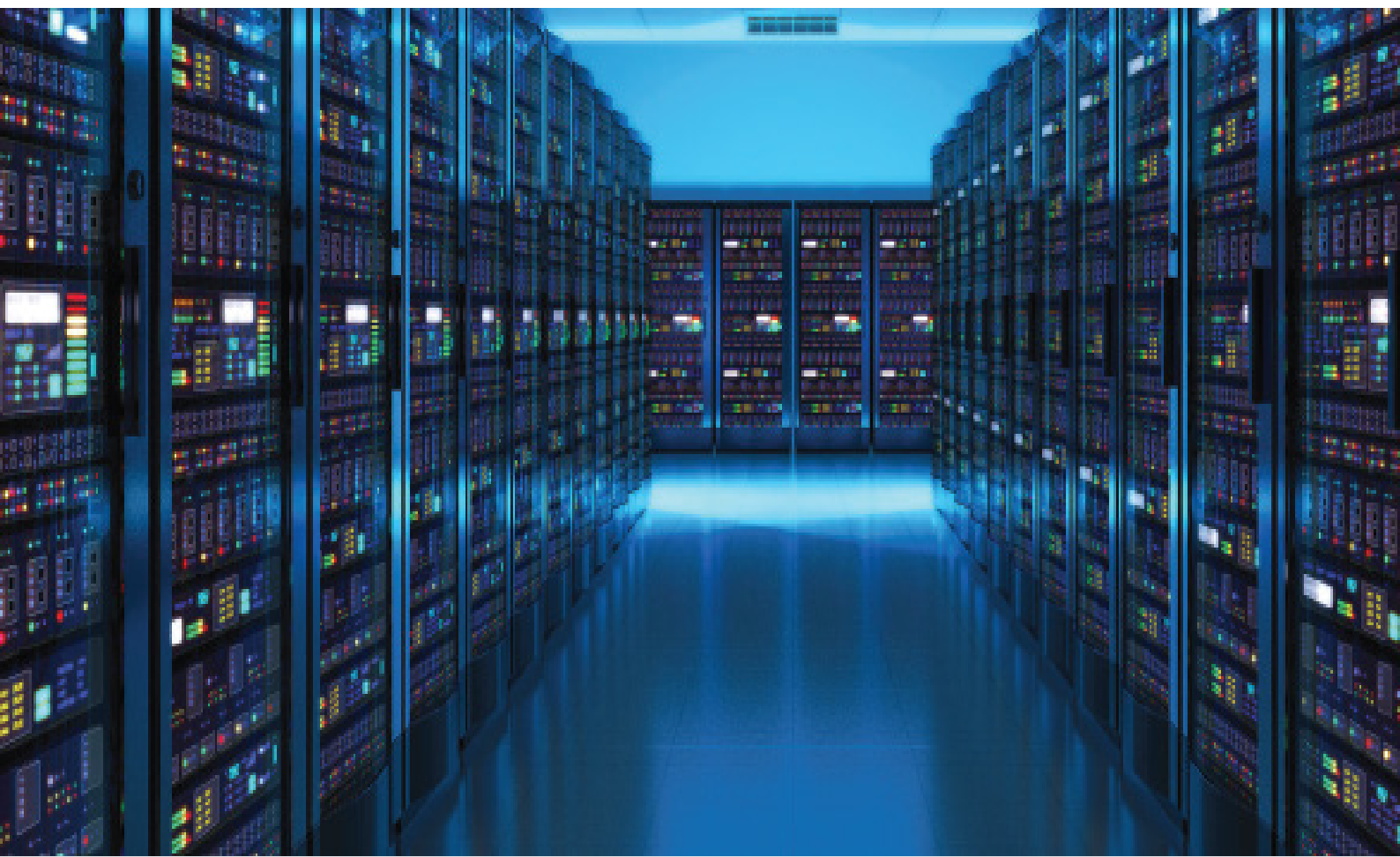




# Telecommunications Systems Integrator



The power behind **your mission**



## Telecommunications Systems Integrator (TSI)

A leading, engineering, contracting and service company, Johnson Controls has been providing Security and Telecommunications solutions to the Oil & Gas markets across the Middle East since 2009. With Abu Dhabi-based teams working on all projects around the region, we offer turnkey solutions that include design, supply, delivery, installation, testing, commissioning and service.

### Core Strengths:

- Provides reliable, mission-critical communications solutions for the Oil & Gas market, both Onshore and Offshore.
- Approval of TSI capabilities from ADNOC Group of Companies.
- Engineering and Contracts Team who deliver turnkey solutions via safe, reliable and efficient operations
- Panel Build Facility for all Telecommunication Systems available for Factory Acceptance Test (FAT) and Integrated Factory Acceptance Test (IFAT)
- After-sales plus on-time Service and Maintenance support
- Consultancy support for Telecommunications and Security Systems
- Solution designs / Solution studies using specialized software applications
- In-house manufacturing unit for PAGA, ACS, CCTV and Security products
- Over 70 projects delivered to Oil & Gas clients throughout the Middle East
- Meets and even exceeds compliance to applicable standards
- HSE culture among all stakeholders from planning and execution of business activities to strict adherence to HSE Standards





## Solution Elements

### Safety and Security Systems

- Access Control
- E-Mustering
- CCTV (Wireless & Wired)
- IDS / PIDS
- Multichannel Recording System
- RFID Room Occupancy System / Personal Tracking System
- Gate Barrier, Barricade, Bollard and Security Gates
- Bird Deterrent System (Offshore Platform)

### In-Plant Communications

- Public Address / General Alarm
- Page / Party
- Intercom
- PABX Telephony
- Hot Line
- Sound Powered Telephone
- Entertainment
- POCSAG Paging System
- Audio Visual System, Conference System and Video Wall

### Backbone Connection

- SDH/ PDH
- WAN/ LAN
- Control Room Console
- Fibre Optics
- Structured Cabling
- Microwave PTP/ WiMax
- SATCOMS (VSAT)

### Radio Systems

- Private Mobile Radio V/UHF
- Trunked Radio - Analog and Digital TETRA
- Dispatcher
- VHF Marine & Aeronautical
- MF / HF-SSB
- UHF PMP & SCADA
- Crane and Safety Radio - Offshore

### Navigational Aids & Data Collection

- Radar & RACON
- AIS
- Navigation Lights / Berthing Aids
- Non-Directional Beacon
- Meteorological (WMS)
- Environmental Monitoring
- TNMS / PSIM



### About Johnson Controls

At Johnson Controls, we transform the environments where people live, work, learn and play. From optimizing building performance to improving safety and enhancing comfort, we drive the outcomes that matter most. We deliver our promise in industries such as healthcare, education, data centers, and manufacturing. With a global team of over 100,000 experts in more than 150 countries and over 130 years of innovation experience, we are the power behind our customers' mission. Our leading portfolio of building technology and solutions includes some of the most trusted names in the industry, such as Tyco®, YORK®, Metasys®, Ruskin®, Titus®, Frick®, PENN®, Sabroe®, Simplex® and Grinnell®.

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